

GILA RIVER BASIN

09486700 CHILTEPINES WASH NEAR SASABE, AZ

LOCATION.--Lat 31°49'08", long 110°26'16", NE¹/₄SE¹/₄ sec.32, T.18 S., R.9 E., Pima County, Hydrologic Unit 15050304, at State Highway 286, 24 mi north of Sasabe.

DRAINAGE AREA.--7.13 mi², contributing drainage area not determined.

Annual peak discharge

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	08-05-63	189		1970	09-04-70	67	
1964	09-10-64	560		1971	08-03-71	230	
1965	09-15-65	85		1972	08-00-72	100	
1966	08-19-66	158		1973	07-15-73	108	
1967	00-00-67	182		1974	08-04-74	182	
1968	00-00-68	53		1975	09-04-75	182	
1969	00-00-69	118					

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
116	7.2	3,660	0.8	3.0	13.0	2.2	4.0

